

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
18 August 2005 (18.08.2005)

PCT

(10) International Publication Number  
WO 2005/075328 A1

(51) International Patent Classification<sup>7</sup>: B65H 19/22,  
19/30

A Colle, (Lucca) (IT). GELLI, Mauro [IT/IT]; Via del Marginone 24, Fraz. Pieve S. Paolo, I-55066 Capannori (Lucca) (IT).

(21) International Application Number:  
PCT/IT2005/000051

(74) Agents: MANNUCCI, Michele et al.; Uff. Tecn. Ing. A. Mannucci S.r.l., Via della Scala, 4, I-50123 Firenze (IT).

(22) International Filing Date: 4 February 2005 (04.02.2005)

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: English

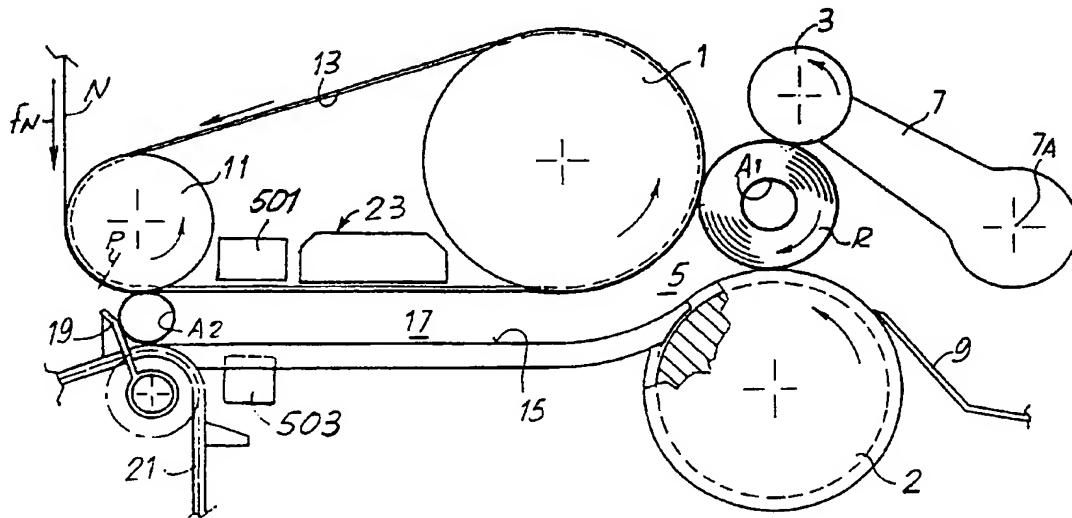
(26) Publication Language: English

(30) Priority Data:  
FI2004A000028 9 February 2004 (09.02.2004) IT

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,

*[Continued on next page]*

(54) Title: METHOD AND MACHINE FOR THE PRODUCTION OF LOGS OF WOUND WEB MATERIAL



WO 2005/075328 A1

(57) Abstract: A rewinding machine is described comprising: a path for feeding the web material towards a winding system; interruption members to interrupt the web material at the end of winding of a log; a core insertion channel, defined by a rolling surface and a movable member; a core feeder to insert winding cores in succession in said channel; an electrostatic device positioned along said channel to electrostatically charge the winding cores and/or the web material thus causing, due to the electrostatic charges, reciprocal adhesion of the core and initial free edge of the web material obtained by interruption of the material at the end of winding of each log.



SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*